

Quarterly Hogs and Pigs

ISSN: 1949-1921

Released March 30, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

United States Hog Inventory Down 2 Percent

United States inventory of all hogs and pigs on March 1, 2022 was 72.2 million head. This was down 2 percent from March 1, 2021, and down 3 percent from December 1, 2021.

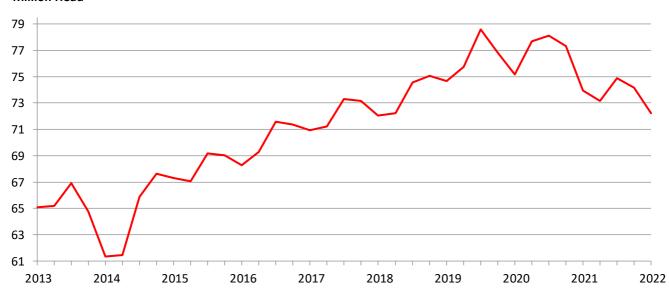
Breeding inventory, at 6.10 million head, was down 2 percent from last year, and down slightly from the previous quarter.

Market hog inventory, at 66.1 million head, was down 2 percent from last year, and down 3 percent from last quarter.

The December 2021-February 2022 pig crop, at 31.7 million head, was down 1 percent from last year. Sows farrowing during this period totaled 2.90 million head, down 1 percent from previous year. The sows farrowed during this quarter represented 47 percent of the breeding herd. The average pigs saved per litter was 10.95 for the December 2021-February 2022 period, compared to 10.94 last year.

Quarterly Hogs and Pigs Inventory - United States: March 1





United States hog producers intend to have 2.99 million sows farrow during the March-May 2022 quarter, down 2 percent from the actual farrowings during the same period one year earlier, and down 5 percent from the same period two years earlier. Intended farrowings for June-August 2022, at 3.03 million sows, are down 1 percent from the same period one year earlier, and down 7 percent from the same period two years earlier.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 49 percent of the total United States hog inventory, down 1 percent from the previous year.

Revisions

All inventory and pig crop estimates for March 2021 through December 2021 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the December 2021 all hogs and pigs inventory was 0.1 percent. The net revision made to the September 2021 all hogs and pigs inventory was 0.6 percent. A net revision of 0.1 percent was made to the June-August 2021 pig crop.

Records

Record highs for all hogs and pigs, market hogs, pig crop and pigs per litter, by quarter, can be found on page 13.

This report was approved on March 30, 2022.

Secretary of Agriculture Designate

Seth Meyer

Agricultural Statistics Board Chairperson

Joseph L. Parsons

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Hogs and Pigs Inventory by Class, Weight Group, and Quarter – United States: 2021 and 2022 [May not add due to rounding. Blank data cells indicate estimation period has not yet begun]

ltem	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)
March 1 inventory			
All hogs and pigs	. 73,933	72,209	98
Kept for breeding	. 6,215	6,098	98
Market	. 67,718	66,111	98
Market hogs and pigs by weight groups			
Under 50 pounds	. 20,238	20,045	99
50-119 pounds		18,765	98
120-179 pounds	. 15,375	14,833	96
180 pounds and over	. 12,966	12,468	96
June 1 inventory			
All hogs and pigs			
Kept for breeding	. 6,220		
Market	-		
Market hogs and pigs by weight groups			
Under 50 pounds	. 21,354		
50-119 pounds	. 18,919		
120-179 pounds			
180 pounds and over	-		
September 1 inventory			
All hogs and pigs	. 74,867		
Kept for breeding	-		
Market			
Market hogs and pigs by weight groups			
Under 50 pounds	. 21,690		
50-119 pounds	. 20,211		
120-179 pounds			
180 pounds and over			
December 1 inventory			
All hogs and pigs			
Kept for breeding			
Market			
Market hogs and pigs by weight groups			
Under 50 pounds			
50-119 pounds			
120-179 pounds	· ·		
180 pounds and over			

Sows Farrowing, Pig Crop, and Pigs per Litter - United States: 2020-2022

[December preceding year. Blank data cells indicate estimation period has not yet begun]

lta ea	2020	2024	2022	2022 as pe	ercent of
ltem	2020	2021	2022	2020	2021
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(percent)
Sows farrowing					
December-February	3,182	2,929	2,901	91	99
March-May 1	3,147	3,034	2,988	95	98
December-May ^{2 3}	6,329	5,964	5,889	93	99
June-August 1	3,260	3,050	3,031	93	99
September-November	3,165	3,012			
June-November ³	6,425	6,061			
Pig crop					
December-February	35,016	32,059	31,750	91	99
March-May	34,621	33,233			
December-May ³	69,637	65,292			
June-August	36,056	33,944			
September-November	34,987	33,712			
June-November ³	71,044	67,656			
	(number)	(number)	(number)	(percent)	(percent)
Dies von litter	(Humber)	(number)	(number)	(percent)	(percent)
Pigs per litter	11.00	10.94	10.95	100	100
December-February	11.00	10.94	10.95	100	100
March-May December-May	11.00	10.95			
December-way	11.00	10.95			
June-August	11.06	11.13			
September-November	11.05	11.19			
June-November	11.06	11.16			

Monthly Sows Farrowing, Pigs per Litter, and Pig Crop – United States: December-November 2021 and 2022

[December preceding year. Blank data cells indicate estimation period has not yet begun]

Month	Sows far	rowing 1	Pigs pe	er litter	Pig crop ¹		
MONUN	2021	2022	2021	2022	2021	2022	
	(1,000 head)	(1,000 head)	(number)	(number)	(1,000 head)	(1,000 head)	
December January February March April May June July August September October November	998 983 948 1,045 1,000 990 1,032 1,016 1,002 1,033 1,002 977	973 988 940	10.84 10.89 11.11 10.71 11.01 11.16 11.02 11.15 11.23 11.12 11.20 11.27	10.94 10.88 11.02	10,820 10,702 10,538 11,186 11,004 11,043 11,366 11,325 11,253 11,487 11,217	10,652 10,743 10,354	
Total	12,025		11.06		132,948		

¹ Monthly values may not add to quarterly or annual totals due to rounding.

¹ Intentions for 2022.
2 Actual farrowings for December 2021-February 2022 plus intentions for March-May 2022.

³ May not add due to rounding.

Breeding, Market, and Total Inventory – States and United States: March 1, 2021 and 2022

[May not add due to rounding]

		Breeding			Market			Total		
State	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021	
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	
Colorado Illinois	120 530 430	140 590 250 900 155 110 530 420 430 800	93 102 96 96 91 92 100 98 98	510 4,620 4,040 22,660 1,820 1,170 8,170 2,970 3,210 7,670	450 4,610 3,900 22,100 1,695 1,070 8,070 2,880 3,170 7,200	88 100 97 98 93 91 99 97	660 5,200 4,300 23,600 1,990 1,290 8,700 3,400 3,650 8,500	590 5,200 4,150 23,000 1,850 1,180 8,600 3,300 3,600 8,000	89 100 97 97 93 91 99 97 99	
Ohio	460	190 470 140 280 160 85	95 102 100 98 100 100	2,300 1,570 1,200 1,695 890 885 2,338	2,410 1,590 1,200 1,720 840 845	105 101 100 101 94 95	2,500 2,030 1,340 1,980 1,050 970 2,773	2,600 2,060 1,340 2,000 1,000 930 2,809	104 101 100 101 95 96	
United States	6,215	6,098	98	67,718	66,111	98	73,933	72,209	98	

¹ Individual State estimates not available for the 34 Other States.

Market Inventory by Weight Group - States and United States: March 1, 2021 and 2022

State		der ounds		119 Inds	120- pou	-179 nds	180 pounds and over	
	2021	2022	2021	2022	2021	2022	2021	2022
	(1,000 head)	(1,000 head)						
Colorado	270	215	100	100	50	55	90	80
Illinois	1,185	1,305	1,550	1,555	1,110	1,025	775	725
Indiana	960	970	1,230	1,100	940	965	910	865
lowa	5,340	5,440	7,210	7,150	5,650	5,390	4,460	4,120
Kansas	440	415	435	390	355	340	590	550
Michigan	345	310	300	285	265	240	260	235
Minnesota	2,420	2,420	2,620	2,570	1,810	1,780	1,320	1,300
Missouri	1,380	1,240	565	590	645	670	380	380
Nebraska	1,050	1,050	850	890	810	700	500	530
North Carolina	2,990	2,760	1,660	1,560	1,570	1,520	1,450	1,360
Ohio	610	635	610	620	565	590	515	565
Oklahoma	725	735	350	305	200	200	295	350
Pennsylvania	305	330	370	365	290	280	235	225
South Dakota	665	685	400	400	330	305	300	330
Texas	280	295	200	195	165	145	245	205
Utah	350	330	185	170	175	170	175	175
Other States ¹	923	910	503	520	445	458	466	473
United States	20,238	20,045	19,138	18,765	15,375	14,833	12,966	12,468

¹ Individual State estimates not available for the 34 Other States.

Breeding, Market, and Total Inventory - States and United States: June 1, 2020 and 2021

[May not add due to rounding]

		Breeding			Market		Total			
State	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	
Colorado	155	155	100	545	505	93	700	660	94	
Illinois	580	650	112	4,820	4,650	96	5,400	5,300	98	
Indiana	260	260	100	4,090	3,940	96	4,350	4,200	97	
lowa	980	910	93	23,620	22,790	96	24,600	23,700	96	
Kansas	180	175	97	1,980	1,775	90	2,160	1,950	90	
Michigan	120	115	96	1,060	1,095	103	1,180	1,210	103	
Minnesota	560	540	96	8,540	8,260	97	9,100	8,800	97	
Missouri	485	425	88	3,265	2,825	87	3,750	3,250	87	
Nebraska	450	450	100	3,300	3,050	92	3,750	3,500	93	
North Carolina	880	820	93	8,420	7,280	86	9,300	8,100	87	
Ohio	220	190	86	2,580	2,310	90	2,800	2,500	89	
Oklahoma	470	470	100	1,710	1,570	92	2,180	2,040	94	
Pennsylvania	150	140	93	1,260	1,150	91	1,410	1,290	91	
South Dakota	290	270	93	1,770	1,690	95	2,060	1,960	95	
Texas	130	130	100	900	850	94	1,030	980	95	
Utah	80	85	106	910	865	95	990	950	96	
Other States ¹	436	435	100	2,468	2,328	94	2,904	2,763	95	
United States	6,426	6,220	97	71,238	66,933	94	77,664	73,153	94	

¹ Individual State estimates not available for the 34 Other States.

Market Inventory by Weight Group - States and United States: June 1, 2020 and 2021

State	_	der ounds		119 Inds	-	179 nds	180 pounds and over	
	2020	2021	2020	2021	2020	2021	2020	2021
	(1,000 head)	(1,000 head)						
Colorado	275	240	95	110	70	70	105	85
Illinois	1,400	1,355	1,555	1,550	1,075	935	790	810
Indiana	1,010	970	1,310	1,220	910	900	860	850
lowa	5,780	5,970	7,520	7,200	5,840	5,320	4,480	4,300
Kansas	510	450	480	470	395	330	595	525
Michigan	310	330	290	290	225	220	235	255
Minnesota	2,800	2,740	2,430	2,630	1,910	1,550	1,400	1,340
Missouri	1,690	1,350	565	510	595	560	415	405
Nebraska	1,150	1,060	865	840	680	590	605	560
North Carolina	3,100	2,940	1,920	1,540	1,730	1,415	1,670	1,385
Ohio	710	670	650	605	620	485	600	550
Oklahoma	770	750	380	340	230	165	330	315
Pennsylvania	375	335	385	330	270	230	230	255
South Dakota	725	685	420	395	340	275	285	335
Texas	220	245	295	210	175	170	210	225
Utah	365	360	180	170	180	170	185	165
Other States ¹	910	904	550	509	485	445	522	469
United States	22,100	21,354	19,890	18,919	15,730	13,830	13,517	12,829

¹ Individual State estimates not available for the 34 Other States.

Breeding, Market, and Total Inventory - States and United States: September 1, 2020 and 2021

[May not add due to rounding]

		Breeding			Market			Total	
State	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Colorado	165	150	91	485	510	105	650	660	102
IllinoisIndiana	580 250	660 250	114 100	4,820 4,150	4,740 4,050	98 98	5,400 4,400	5,400 4,300	100 98
lowa		900	92	23,620	23,200	98	24,600	24,100	98
Kansas	175	165	94	1,895	1,885	99	2,070	2,050	99
Michigan Minnesota	120 530	115 530	96 100	1,100 8,570	1,115 8,270	101 96	1,220 9,100	1,230 8,800	101 97
Missouri		420	89	3,380	2,980	88	3,850	3,400	88
Nebraska		460	107	3,370	3,190	95	3,800	3,650	96
North Carolina	870	810	93	8,730	7,490	86	9,600	8,300	86
Ohio		190	86	2,580	2,360	91	2,800	2,550	91
Oklahoma		470	104	1,650	1,730	105	2,100	2,200	105
Pennsylvania	150	145	97	1,290	1,205	93	1,440	1,350	94
South Dakota		265	93	1,755	1,745	99	2,040	2,010	99
Texas	140	140	100	920	950	103	1,060	1,090	103
Utah	85	85	100	955	885	93	1,040	970	93
Other States ¹	433	435	100	2,501	2,372	95	2,934	2,807	96
United States	6,333	6,190	98	71,771	68,677	96	78,104	74,867	96

¹ Individual State estimates not available for the 34 Other States.

Market Inventory by Weight Group - States and United States: September 1, 2020 and 2021

State		der ounds		119 Inds	_	-179 Inds	180 pounds and over	
	2020	2021	2020	2021	2020	2021	2020	2021
	(1,000 head)	(1,000 head)						
Colorado	260	235	100	110	50	55	75	110
Illinois	1,390	1,310	1,540	1,640	1,070	1,005	820	785
Indiana	1,060	990	1,380	1,260	790	875	920	925
lowa	6,460	6,010	7,580	7,760	5,480	5,470	4,100	3,960
Kansas	500	455	465	430	400	410	530	590
Michigan	325	330	305	315	225	225	245	245
Minnesota	2,870	2,680	2,820	2,830	1,720	1,580	1,160	1,180
Missouri	1,610	1,410	690	565	670	605	410	400
Nebraska	1,180	1,080	880	890	690	650	620	570
North Carolina	3,350	3,090	2,130	1,670	1,610	1,340	1,640	1,390
Ohio	770	700	760	680	490	440	560	540
Oklahoma	765	850	350	350	185	220	350	310
Pennsylvania	360	325	410	380	275	275	245	225
South Dakota	705	660	425	410	320	305	305	370
Texas	305	290	215	250	140	150	260	260
Utah	370	345	195	180	195	180	195	180
Other States ¹	954	930	545	491	497	461	504	489
United States	23,234	21,690	20,790	20,211	14,807	14,246	12,939	12,529

¹ Individual State estimates not available for the 34 Other States.

Breeding, Market, and Total Inventory - States and United States: December 1, 2020 and 2021

[May not add due to rounding]

		Breeding			Market		Total			
State	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020	
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	
Colorado	155	145	94	465	475	102	620	620	100	
Illinois	550	590	107	4,900	4,760	97	5,450	5,350	98	
Indiana	250	250	100	4,200	4,100	98	4,450	4,350	98	
lowa	950	920	97	23,650	22,880	97	24,600	23,800	97	
Kansas	170	165	97	1,890	1,825	97	2,060	1,990	97	
Michigan	120	110	92	1,190	1,050	88	1,310	1,160	89	
Minnesota	540	550	102	8,860	8,350	94	9,400	8,900	95	
Missouri	440	420	95	3,310	2,980	90	3,750	3,400	91	
Nebraska	410	430	105	3,390	3,170	94	3,800	3,600	95	
North Carolina	840	810	96	7,960	7,190	90	8,800	8,000	91	
Ohio	210	190	90	2,490	2,560	103	2,700	2,750	102	
Oklahoma	460	460	100	1,620	1,630	101	2,080	2,090	100	
Pennsylvania	140	145	104	1,260	1,165	92	1,400	1,310	94	
South Dakota	280	265	95	1,750	1,745	100	2,030	2,010	99	
Texas	140	150	107	940	940	100	1,080	1,090	101	
Utah	90	85	94	910	855	94	1,000	940	94	
Other States ¹	431	440	102	2,351	2,346	100	2,782	2,786	100	
United States	6,176	6,125	99	71,136	68,021	96	77,312	74,146	96	

¹ Individual State estimates not available for the 34 Other States.

Market Inventory by Weight Group - States and United States: December 1, 2020 and 2021

State		der ounds		119 Inds	-	-179 Inds	180 pounds and over	
	2020	2021	2020	2021	2020	2021	2020	2021
	(1,000 head)	(1,000 head)						
Colorado	255	230	90	95	50	60	70	90
Illinois	1,460	1,350	1,500	1,605	1,090	1,045	850	760
Indiana	1,050	1,030	1,230	1,170	935	945	985	955
lowa	5,780	5,830	7,470	7,350	5,890	5,320	4,510	4,380
Kansas	445	430	465	450	370	360	610	585
Michigan	380	310	320	275	245	220	245	245
Minnesota	2,890	2,800	2,610	2,550	1,940	1,590	1,420	1,410
Missouri	1,510	1,350	630	580	690	640	480	410
Nebraska	1,200	1,080	850	880	790	645	550	565
North Carolina	2,955	2,825	1,845	1,500	1,620	1,380	1,540	1,485
Ohio	780	710	630	650	530	545	550	655
Oklahoma	745	750	350	350	205	190	320	340
Pennsylvania	365	320	350	360	275	250	270	235
South Dakota	715	660	390	405	325	325	320	355
Texas	300	290	215	240	175	170	250	240
Utah	350	340	185	170	185	170	190	175
Other States ¹	809	869	550	555	476	459	515	463
United States	21,989	21,174	19,680	19,185	15,791	14,314	13,675	13,348

¹ Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: December-February 2021 and 2022

[December preceding year. May not add due to rounding]

	Sows farrowing			Pigs pe	er litter	Pig crop ¹		
State	2021	2022	2022 as percent of 2021	2021	2022	2021	2022	2022 as percent of 2021
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado Illinois Indiana Iowa Kansas Michigan Minnesota Missouri Nebraska North Carolina	78 265 120 485 84 52 250 215 180 420	66 260 120 475 81 51 260 215 185 405	85 98 100 98 96 98 104 100 103 96	9.90 10.95 10.70 11.30 10.50 10.90 11.80 11.00 11.85	9.90 10.60 10.40 11.30 10.10 11.10 11.70 10.70 11.70	772 2,902 1,284 5,481 882 567 2,950 2,365 2,133 4,431	653 2,756 1,248 5,368 818 566 3,042 2,301 2,165 4,253	85 95 97 98 93 100 103 97 102 96
Ohio	87 200 46 134 69 44	95 195 51 127 58 43	109 98 111 95 84 98	10.40 10.10 11.10 11.90 10.10 10.59	11.50 9.65 11.40 12.55 10.60 10.60	905 2,020 511 1,595 697 444 2,120	1,093 1,882 581 1,594 615 456	121 93 114 100 88 103
United States	2,929	2,901	99	10.94	10.95	32,059	31,750	99

¹ Number of pigs born December-February that were still on hand March 1, or had been sold.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: March-May 2020-2022

[May not add due to rounding]

		Sows fa	arrowing		Pigs p	er litter		Pig crop ¹		
State	2020	2021	2022 ²	2022 as percent of 2021	2020	2021	2020	2021	2021 as percent of 2020	
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)	
Colorado	74	73	66	90	10.10	10.40	747	759	102	
Illinois	275	260	260	100	10.80	10.85	2,970	2,821	95	
Indiana	125	125	120	96	10.60	10.90	1,325	1,363	103	
lowa	500	510	485	95	11.40	11.40	5,700	5,814	102	
Kansas	89	88	81	92	10.70	10.20	952	898	94	
Michigan	54	50	52	104	10.60	10.70	572	535	94	
Minnesota	290	280	280	100	11.60	11.90	3,364	3,332	99	
Missouri	255	225	225	100	11.00	10.90	2,805	2,453	87	
Nebraska	200	190	190	100	11.10	11.60	2,220	2,204	99	
North Carolina	460	430	410	95	10.60	10.30	4,876	4,429	91	
Ohio	94	91	96	105	11.10	10.40	1,043	946	91	
Oklahoma	215	210	205	98	10.80	10.10	2,322	2,121	91	
Pennsylvania	57	47	51	109	11.10	11.40	633	536	85	
South Dakota	139	131	132	101	12.30	12.50	1,710	1,638	96	
Texas	68	68	72	106	11.00	9.30	748	632	84	
Utah	43	45	43	96	10.80	10.60	464	477	103	
Other States ³	209	211	220	104	10.39	10.77	2,169	2,275	105	
United States	3,147	3,034	2,988	98	11.00	10.95	34,621	33,233	96	

¹ Number of pigs born March-May that were still on hand June 1, or had been sold.

² Individual State estimates not available for the 34 Other States.

² Intentions.

³ Individual State estimates not available for the 34 Other States.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: June-August 2020-2022

[May not add due to rounding]

	Sows farrowing				Pigs pe	er litter	Pig crop ¹		
State	2020	2021	2022 ²	2022 as percent of 2021	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	79	72	66	92	10.00	10.50	790	756	96
Illinois	290	285	270	95	10.70	10.90	3,103	3,107	100
Indiana	125	130	125	96	11.30	10.70	1,413	1,391	98
lowa	560	505	505	100	11.30	11.40	6,328	5,757	91
Kansas	88	88	78	89	10.70	10.80	942	950	101
Michigan	54	53	52	98	11.40	10.80	616	572	93
Minnesota	310	265	275	104	11.90	11.80	3,689	3,127	85
Missouri	255	220	230	105	11.20	10.70	2,856	2,354	82
Nebraska	180	200	190	95	11.70	11.65	2,106	2,330	111
North Carolina	490	430	415	97	10.50	10.70	5,145	4,601	89
Ohio	108	104	100	96	10.50	11.20	1,134	1,165	103
Oklahoma	215	200	205	103	10.80	10.90	2,322	2,180	94
Pennsylvania	56	49	49	100	11.10	11.50	622	564	91
South Dakota	143	128	134	105	12.20	12.60	1,745	1,613	92
Texas	61	69	70	101	10.60	11.10	647	766	118
Utah	43	46	45	98	11.00	10.60	473	488	103
Other States ³	203	206	222	108	10.46	10.82	2,124	2,223	105
United States	3,260	3,050	3,031	99	11.06	11.13	36,056	33,944	94

¹ Number of pigs born June-August that were still on hand September 1, or had been sold.

Sows Farrowing, Pigs per Litter, and Pig Crop – States and United States: September-November 2020 and 2021

[May not add due to rounding]

[May Hot add dde to rodniding]								
		Sows Farrowing		Pigs pe	er litter	Pig crop ¹		
State	2020	2021	2021 as percent of 2020	2020	2021	2020	2021	2021 as percent of 2020
	(1,000 head)	(1,000 head)	(percent)	(number)	(number)	(1,000 head)	(1,000 head)	(percent)
Colorado	73	70	96	10.00	10.50	730	735	101
Illinois	300	250	83	10.80	10.70	3,240	2,675	83
Indiana	120	130	108	11.00	11.10	1,320	1,443	109
lowa	560	520	93	11.30	11.45	6,328	5,954	94
Kansas	85	83	98	10.70	10.80	910	896	98
Michigan	56	48	86	11.50	11.10	644	533	83
Minnesota	290	290	100	11.85	11.55	3,437	3,350	97
Missouri	238	220	92	11.10	11.20	2,642	2,464	93
Nebraska	190	195	103	11.70	11.70	2,223	2,282	103
North Carolina	440	410	93	10.50	10.90	4,620	4,469	97
Ohio	105	103	98	10.60	11.50	1,113	1,185	106
Oklahoma	210	185	88	10.75	10.65	2,258	1,970	87
Pennsylvania	53	52	98	11.00	11.40	583	593	102
South Dakota	140	133	95	12.20	12.50	1,708	1,663	97
Texas	64	68	106	9.80	10.60	627	721	115
Utah	41	44	107	10.90	10.50	447	462	103
Other States ²	200	211	105	10.79	10.98	2,157	2,317	107
United States	3,165	3,012	95	11.05	11.19	34,987	33,712	96

¹ Number of pigs born September-November that were still on hand December 1, or had been sold.

² Intentions.

³ Individual State estimates not available for the 34 Other States.

² Individual State estimates not available for the 34 Other States.

Statistical Methodology

Survey Procedures: A random sample of roughly 4,700 United States producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large operations were sampled more heavily than small operations. During the first half of March 2022, data were collected from about 3,000 operations. The data collected were received by electronic data reporting, mail, and telephone. Regardless of when operations responded, they were asked to report inventories as of March 1, 2022.

Estimating Procedures: Hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each regional field office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds the estimates of births and imports, and subtracts the estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates are reviewed from all quarters of the current year, all quarters of the previous year, and December two years prior. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the following table. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 72.2 million head by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.4 percent.

Reliability of Quarterly Hog Estimates

[Based on data for the previous 20 quarters]

	.	90 percent	Difference between first and latest estimate						
ltem	Root mean square error	confidence	Average	Smallest	Largest -	Quarters			
	oqual o or or	level	Average	Sinallest		Below latest	Above latest		
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)		
All hogs and pigs	1.4	2.4	791	55	2,500	4	16		
Pig crop	1.9	3.3	451	0	1,502	9	10		
Expected farrowings									
Second intentions	2.4	4.1	53	2	189	13	7		
First intentions	2.5	4.3	62	0	182	11	9		

Records by Quarter - United States: 1866 to Present

[This table provides data users with record high estimates of all hogs and pigs, market hogs, pig crop, and pigs per litter since each data series began]

Item	Estimate	Record high	Series began	
	(1,000 head)	(year)	(year)	
All hogs and pigs	75,164	2020	1988	
	77,664	2020	1964	
	78,583	2019	1988	
	83,741	1943	1866	
Market	68,739	2020	1988	
	71,238	2020	1964	
	72,153	2019	1988	
	71,136	2020	1963	
Pig crop	35,016	2020	1970	
	34,621	2020	1970	
	36,370	2019	1970	
	34,987	2020	1970	
	(number)	(year)	(year)	
Pigs per litter	11.00	2020	1970	
	11.00	2020	1970	
	11.13	2021	1970	
	11.19	2021	1970	

¹ December preceding year.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov.

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(202) 690-8632
Ryan Cowen – Cattle, Cattle on Feed	(202) 720-3040
Anthony Fischer – Hogs and Pigs	(202) 720-3106
Logan Hartley-Sanguinett – Sheep and Goats	(202) 690-3236
Mike Miller – Milk Production and Milk Cows	
Suzanne Richards – Dairy Products	(202) 720-4448

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- ➤ Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on "National" or "State" in upper right corner above "search" box to create an account and select the reports you would like to receive.
- Cornell's Mann Library has launched a new website housing NASS's and other agency's archived reports. The new website, https://usda.library.cornell.edu. All email subscriptions containing reports will be sent from the new website, https://usda.library.cornell.edu. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: https://usda.library.cornell.edu/help. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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USDA Spring Data Users' Meeting Join Us Online or in Chicago April 19, 2022

University of Chicago – Gleacher Center 450 North Cityfront Plaza Drive Chicago, IL 60611

USDA's National Agricultural Statistics Service (NASS) will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2022 Spring Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php).

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 20, 2022. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (http://lmic.info/page/meetings).